

Title (en)

SURFACE-MODIFIED ALUMINIUM OXIDHYDROXIDE PARTICLES AS A RHEOLOGY CONTROL AGENT IN AQUEOUS COATING COMPOSITIONS

Title (de)

OBERFLÄCHENMODIFIZIERTE ALUMINIUMOXIDHYDROXID-PARTIKEL ALS RHEOLOGIEHILFSMITTEL IN WÄSSRIGEN BESCHICHTUNGSMITTELZUSAMMENSETZUNGEN

Title (fr)

PARTICULES D'HYDROXYDE D'OXYDE D'ALUMINIUM MODIFIÉS EN SURFACE EN TANT QU'ADJUVANT RHÉOLOGIQUE DANS DES COMPOSITIONS DE REVÊTEMENT AQUEUSES

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Application

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Priority

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Abstract (en)

[origin: WO2019207085A1] The present invention relates to an aqueous coating agent composition which has a pH of >7.5 and comprises at least one polymer as component (A) and aluminum oxide hydroxide particles as component (B), component (B) being contained in the composition in an amount of at least 0.1% by weight, relative to the solids content of the coating agent composition, and the surface of the aluminum oxide hydroxide particles used as component (B) being at least partly modified with at least one organic acid. The invention further relates to a method for producing a multi-layer coating using the aqueous coating agent composition and to a multi-layer coating produced in this way.

IPC 8 full level

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